AMENDMENTS TO THE CLAIMS:

Claims 3, 7, 9, 12, 16, 18 are canceled without prejudice or disclaimer. Claims 2, 5, 6, 10, 11, 14, 15 are amended. The following is the status of the claims of the above-captioned application, as amended.

1. (Previously presented.) A composition comprising an enzyme encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.

2. (Currently amended.) A composition comprising a surfactant and at least one enzyme~~compound~~ encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.

3. (Canceled.)

4. (Previously presented.) The composition of claim 2, wherein the composition is a detergent.

5. (Currently amended.) A method comprising the steps of:

(a) encapsulating at least one enzyme ~~compound~~ in a vesicle, and

(b) adding the vesicle to a surfactant containing composition,

wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.

6. (Currently amended.) A method for preventing an enzyme ~~a compound~~ from reacting with other compounds, comprising encapsulating the compound in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the

synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.

7. (Canceled.)

8. (Previously presented.) A method for improving the stability of an enzyme, comprising encapsulating the enzyme in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent; and wherein the synthetic polymer is a di- or tri-block-co-polymer composed of monomers selected from the group consisting of ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid and vinyl amine.

9. (Canceled)

Claim 10. (Previously presented.) A composition comprising an enzyme encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

Claim 11. (Currently amended.) A composition comprising a surfactant and at least one enzyme ~~compound~~ encapsulated in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

Claim 12. (Canceled.)

Claim 13. (Previously presented.) The composition of claim 11, wherein the composition is a detergent.

Claim 14. (Currently amended.) A method comprising the steps of:

(a) encapsulating at least one enzyme ~~compound~~ in a vesicle, and

(b) adding the vesicle to a surfactant containing composition,

wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

Claim 15. (Currently amended.) A method for preventing an enzyme ~~a compound~~ from reacting with other compounds, comprising encapsulating the enzyme compound in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

Claim 16. (Canceled.)

Claim 17. (Previously presented.) A method for improving the stability of an enzyme, comprising encapsulating the enzyme in a vesicle, wherein the vesicle comprises at least 50% of a synthetic polymer as a vesicle forming agent.

Claim 18. (Canceled.)

Claim 19. (Previously presented.) The composition of claim 11, wherein the synthetic polymer is an amphiphilic block-co-polymer; and wherein each domain of the block-co-polymer consists of at least 10 monomers.

Claim 20. (Previously presented.) The composition of claim 19, wherein the block-co-polymer is a di- or tri-block-co-polymer.

Claim 21. (Previously presented.) The composition of claim 19, wherein the block-co-polymer is a polymer of the monomer-classes ethyleneoxide, propyleneoxide, ethylethylene, acrylic acid, and vinyl amine.

Claim 22. (Previously presented.) The composition of anyone of claim 19, wherein each domain of the block-co-polymer is a homopolymer.

Claim 23. (Previously presented.) The composition of anyone of claim 11, wherein the vesicle is an aqueous compartment enclosed by a membrane comprising one or more layers, where the layers have an inner hydrophobic domain and an outer hydrophilic domain.